

WHAT IS CLAIMED IS:

1. A image forming apparatus, comprising:

an image bearing member to be moved
rotationally,

5 charging means for electrically charging said
image bearing member and toner remaining on said image
bearing member,

 electrostatic latent image forming means for
forming an electrostatic latent image on said image
10 bearing member charged by said charging means,

 developing means for visualizing the
electrostatic latent image while recovering the toner
remaining on said image bearing member,

 toner charging means which is disposed
15 upstream from said charging means in a rotational
direction of said image bearing member and is to be
supplied with a voltage of a polarity identical to
that of a voltage to be applied to said charging means
to electrically charge the toner remaining on said
20 image bearing member,

 recording means for recording an operation
history of said image forming apparatus, and

 control means for controlling the voltage to
be supplied to said toner charging means on the basis
25 of the operation history of said image forming
apparatus recorded by said recording means.

2. An apparatus according to Claim 1, wherein said charging means contacts said image bearing member.

5 3. An apparatus according to Claim 1 or 2, wherein said image forming apparatus further comprises an electrostatic latent image erase means which is disposed upstream from said transfer residual toner in the rotational direction of said image bearing member
10 and is to be supplied with a voltage of a polarity opposite from that of the voltage to be applied to said charging means to erase an electrostatic latent image history on said image bearing member, and said control means controls the voltages to be supplied to
15 said toner charging means and said electrostatic latent image erase means on the basis of the operation history of said image forming apparatus recorded by said recording means.

20 4. An apparatus according to any one of Claims 1 - 3, wherein said charging means is supplied with a DC voltage which is lower than that supplied to said toner charging means in terms of an absolute value.

25 5. An apparatus according to any one of Claims 1 - 4, wherein said charging means is supplied with a DC voltage and comprises a brush-shaped member.

6. An apparatus according to any one of Claims 1
- 5, wherein said developing means comprises at least
a magnetic brush comprising a magnetic carrier and
5 toner, said magnetic brush contacting said image
bearing member.

7. An apparatus according to Claim 6, wherein
the rotational direction of said image bearing member
10 at its surface is different from that of a developer
bearing member for bearing the magnetic brush.

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